

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/003522

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 H01L 33/00**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L C09K G09F G02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Korean Patents and applications for inventions since 1975  
 Korean Utility models and applications for Utility models since 1975  
 Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 e-KIPASS "WHITE", "PHOSPHOR", "LED", "RED" and "GREEN"

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2003-133595 A ( SEIWA ELECTRIC MFG. CO. LTD. ) 9 MAY 2003 see the claims 1-6, figures 1-2	1 - 14
A	JP 2000-244021 A ( AGILENT TECHNOLOGIES INC. ) 8 SEPTEMBER 2000 see the claim 1, figure 3	1 - 14
A	JP 2003-243715 A ( HITACHI LTD. ) 29 AUGUST 2003 see the abstract	1 - 14
A	JP 11-246857 A ( TOSHIBA ELECTRONIC ENGINEERING CORP. ) 14 SEPTEMBER 1999 see the abstract	1 - 14
A	WO 2001/93341 A1 ( PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHL OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG ) 6 DECEMBER 2001 see the abstract, claim 1	1 - 14

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
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 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search

04 APRIL 2005 (04.04.2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR



Korean Intellectual Property Office  
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,  
 Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

KIM, Dong Yup

Telephone No. 82-42-481-5749



**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR2004/003522

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2003-133595 A	09.05.2003	NONE	
JP 2000-244021 A	08.09.2000	GB 200003517 A0 DE 19962765 A1 EP 1339109 A2 GB 234701 8A JP 2003273409 A2 US 6351069 B1 US 2003006702 AA US 06680569 US 6351069 BA US 2003006702 A1	05.04.2000 31.08.2000 27.08.2003 23.08.2000 26.09.2003 26.02.2002 09.01.2003 20.01.2004 26.02.2002 09.01.2003
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